

Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property	Crops	Character of Storm
					Killed	Injured			
County									
<u>New Mexico Southeast</u>									
County									
Lea County									
1 N Tatum	03	1707MST			0	0	2K	2K	Hail (0.75)
5 N Hobbs	03	1715MST			0	0	2K	2K	Hail (0.88)
The Tatum Police Department reported dime-size hail from a northeast-moving storm. A SKYWARN spotter reported nickel-size hail near the northern Hobbs city limit in a storm that formed south of the Tatum storm.									
NMZ009>032-	09	0900MST - 1800MST			0	0	40K	?	High Winds (G69)
A strong upper level low pressure system produced damaging winds across southern New Mexico and areas of heavy snow across the north-central and northeastern mountains. The area from Lordsburg and Silver City to Las Cruces and Socorro along the Rio Grande River was pelted by blowing sand and winds gusting 60 to 80 mph. Damage included numerous reports of signs torn away, roof damage to homes in Lordsburg and a church in Capitan, a radio/TV station transmitter tower and equipment building both destroyed north of Hatch, widespread power outages from downed utility poles near Silver City, brick fences toppled at Deming and several unsecured mobile homes overturned and small trees uprooted at Socorro. Gusts to 80 mph were measured at the Grant County Airport.									
NMZ019-027-029-	19	1100MST - 1500MST			0	0	?	?	High Winds (G61)
A series of strong upper level low pressure centers swept across New Mexico producing periods of heavy snow in the northern mountains and damaging surface winds across central and southern areas of the state. Snowfall totals of 8 to 15 inches were common in the communities of northern New Mexico with four day totals of 23 inches of new snow at Tierra Amarilla and 38 inches at Wolf Canyon west of Los Alamos. Surface winds gusted 35 to 45 mph in many areas of southern and eastern New Mexico each afternoon. Winds peaked on the 19th with gusts measured at 60 to 70 mph across Eddy and Chaves Counties where billowing sand severely reduced highway visibilities. "Brown out" conditions were blamed for the collisions of nearly 30 cars in three separate accidents along Highway 285 between Roswell and Artesia. A pile-up near Artesia involved 17 cars and resulted in at least seven primarily minor injuries. Stretches of Highway 285 were closed nearly five hours due to the low visibilities. Small trees and numerous branches were also broken by the winds.									
NMZ029-	24	1100MST - 1700MST			0	0	5K	0	High Winds
High winds damaged the roof and broke gas lines at the Lea County Cultural Center in Hobbs.									
<u>West Texas</u>									
Howard County Big Spring	03	1850CST			0	0	0	0	Hail (0.75)
Dawson County 10 E Lamesa	03	2007CST			0	0	0	0	Hail (1.00)
1 S Patricia	03	2010CST			0	0	?	0	Hail (2.00)
Martin County 10 NW Lenorah	03	2012CST			0	0	0	0	Hail (1.00)
Dawson County 1 N Lamesa	03	2013CST			0	0	?	0	Hail (1.75)
Howard County Big Spring	03	2020CST			0	0	0	0	Hail (0.75)
Martin County Three Leagues	03	2048CST			0	0	?	0	Hail (2.00)

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April 1995

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property	Crops	Character of Storm
Howard County									
7 WNW Big Spring	03	2115CST			0	0	0	0	Hail (1.00)
Big Spring	03	2134CST			0	0	0	0	Hail (0.75)
Big Spring	03	2136CST			0	0	20M	0	Hail (2.75)
Coahoma	03	2151CST			0	0	?	0	Hail (2.75)
Big Spring	03	2156CST -							
		2315CST			0	0	?	0	Flash Flood
Ross City	03	2231CST			0	0	0	0	Hail (0.75)
13 E Big Spring	03	2314CST			0	0	0	0	Hail(1.00)

A severe thunderstorm that produced marginally severe hail in southeast New Mexico became supercellular as it encountered deeper moisture in West Texas. Movement switched from northeast to southeast around 2000 CST. Quarter-size hail was first reported by a SKYWARN spotter east of Lamesa. Two-inch hail was reported near the Dawson-Martin County line near Patricia. Storm chasers passing through this area reported that up to two-inch hail was found in a three mile swath on the ground in the vicinity of Patricia. In Three Leagues, significant house damage occurred, and at least one vehicle had its windshield broken by hail.

This supercell storm then moved southeast at 25 miles an hour into Howard County. Severe hail reports continued for the next two hours. Almost all the Big Spring reports came from SKYWARN spotters with the sheriff's office reporting up to baseball-size hail in Coahoma. Later reports included baseball-size hail also in Big Spring. The widespread, large hail from this storm caused property damage over most of Big Spring, totalling \$2 million. Doppler radar indicated a very strong mesocyclone associated with this storm while it was over Howard County. Also a prolific rain-producer, this storm produced extensive street flooding in Big Spring and along parts of Interstate 20 near Big Spring.

Permian Basin TXZ045>047-050>052 -058>063-067>069	17	1300CST - 2000CST			0	0	?	?	High Winds
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Strong gradient winds in the wake of a cold front blew through the afternoon and into the evening. A peak wind of 60 miles an hour was reported at the Pecos Airport (Reeves County) at 1910CST, and sign damage was reported at some businesses in Pecos. A metal roof was blown off a business in Midland which downed power lines causing power outages to about 600 customers.

Permian Basin TXZ045>047-050>052- 058>063-067>069	19	1300CST - 1800CST			0	0	?	?	High Winds
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